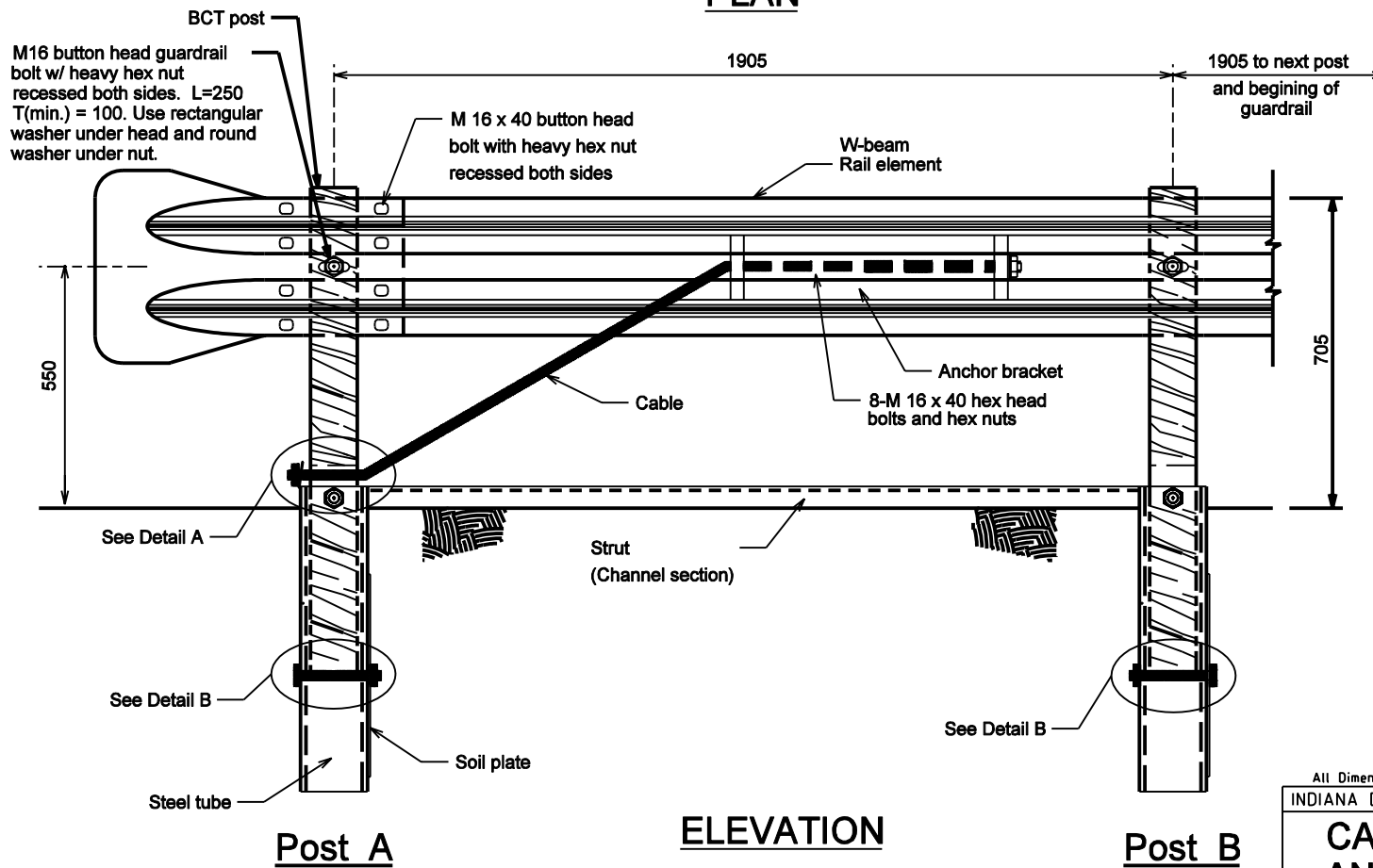


PLAN

NOTES:

1. See Recurring Plan Details 601-R-386d 2 for Details A and B.

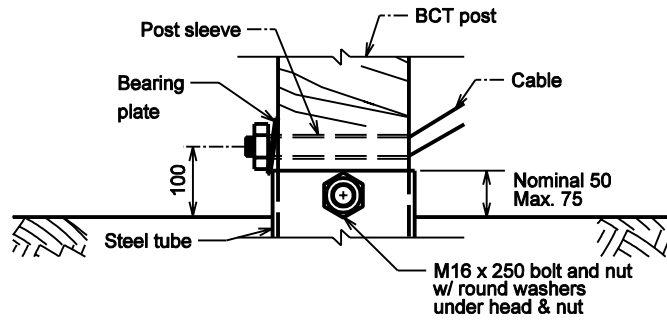


ELEVATION

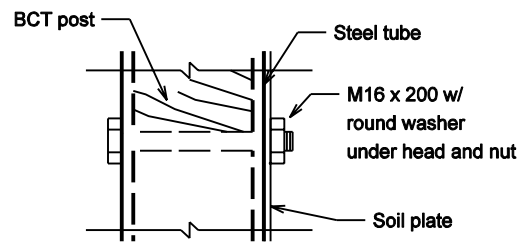
All Dimension are in mm unless otherwise specified
INDIANA DEPARTMENT OF TRANSPORTATION

CABLE TERMINAL ANCHOR SYSTEM

601-R-386d 1



DETAIL A

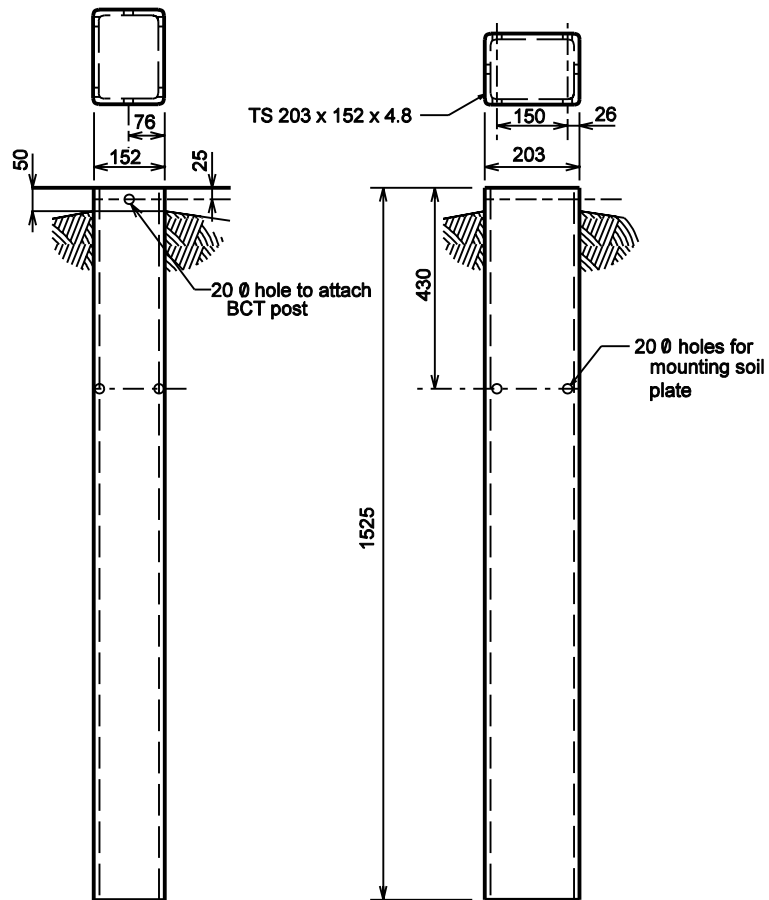


DETAIL B

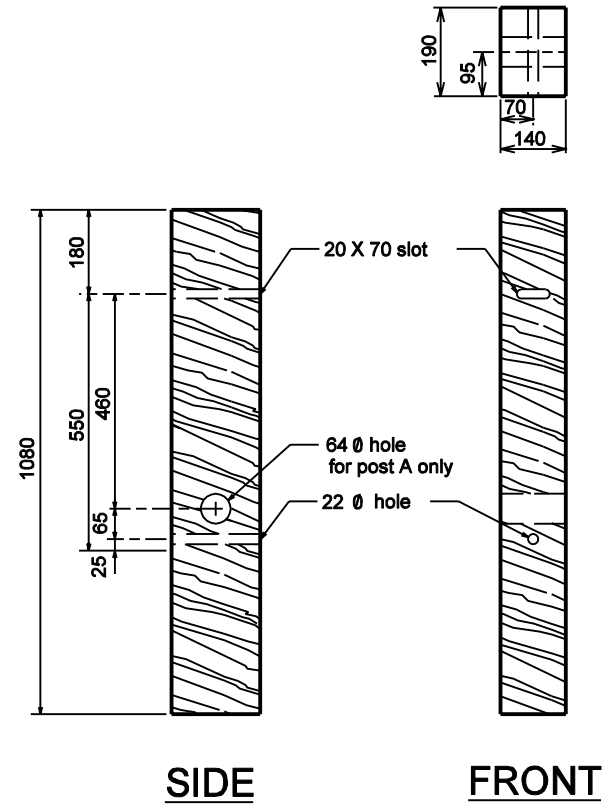
All Dimension are in mm unless otherwise specified
INDIANA DEPARTMENT OF TRANSPORTATION

**CABLE TERMINAL
ANCHOR SYSTEM**

601-R-386d 3



FRONT SIDE
GALVANIZED STEEL
FOUNDATION TUBE

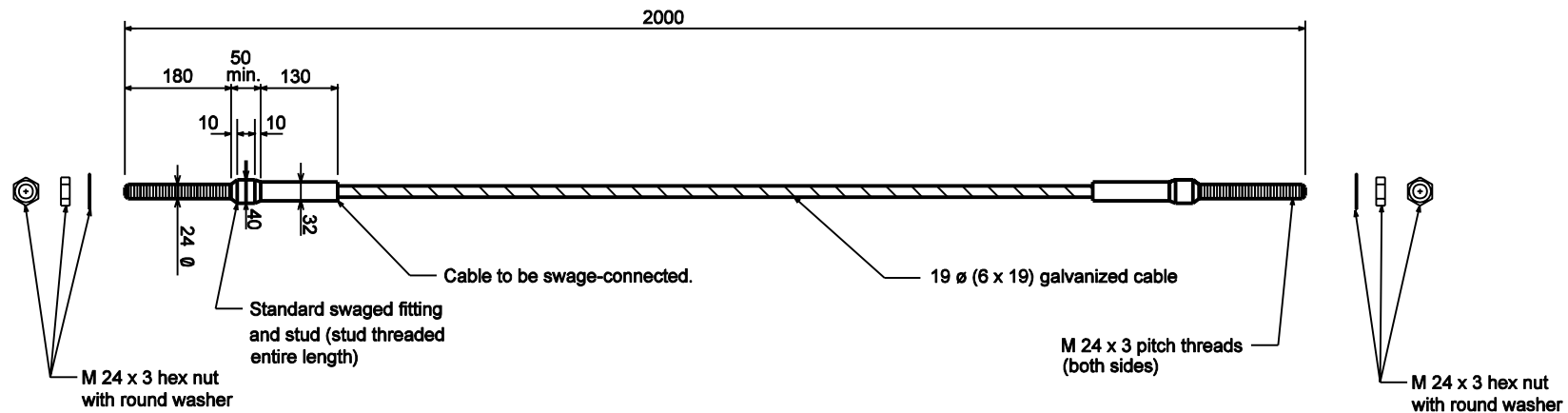


SIDE FRONT
BCT TIMBER POST

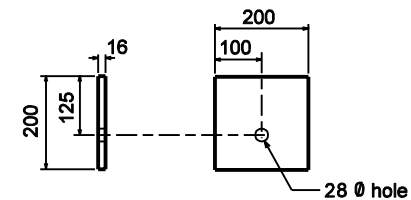
All Dimension are in mm unless otherwise specified

INDIANA DEPARTMENT OF TRANSPORTATION

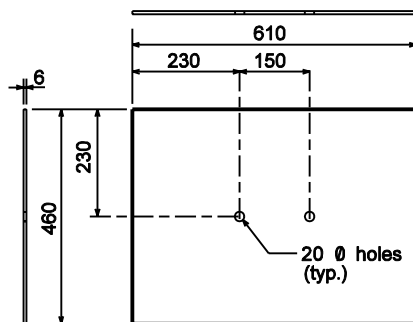
**CABLE TERMINAL
ANCHOR SYSTEM**



BCT CABLE ANCHOR ASSEMBLY



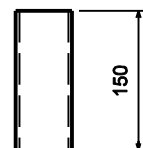
BCT BEARING PLATE



FOUNDATION TUBE SOIL PLATE



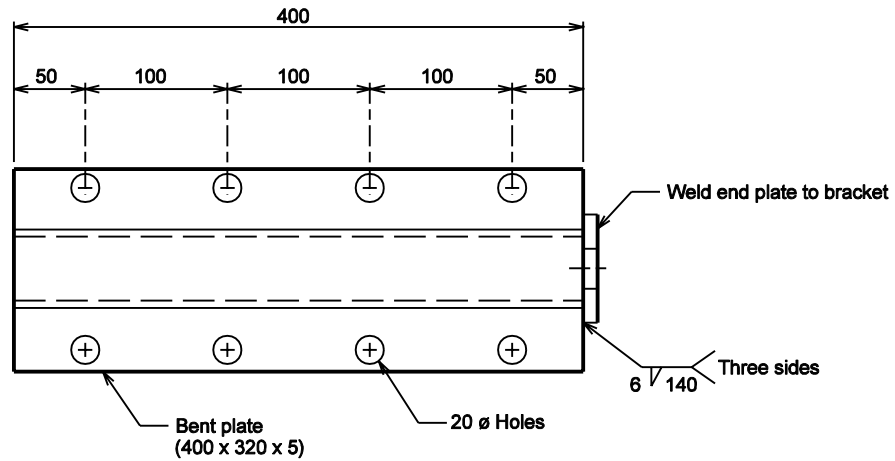
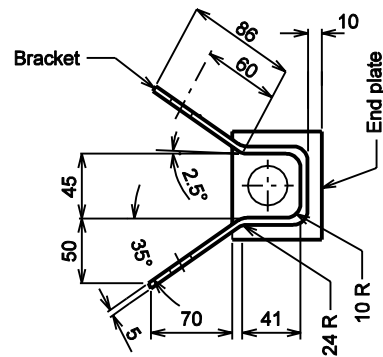
BCT POST SLEEVE



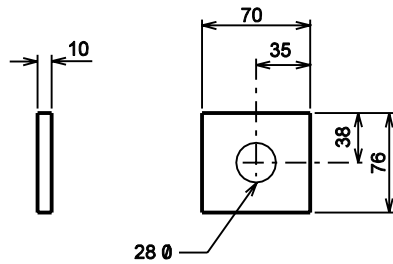
All Dimension are in mm unless otherwise specified

INDIANA DEPARTMENT OF TRANSPORTATION

**CABLE TERMINAL
ANCHOR SYSTEM**



BRACKET



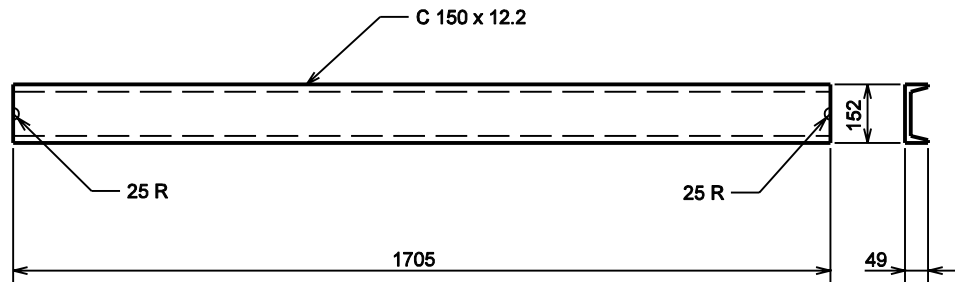
END PLATE

GUARDRAIL ANCHOR BRACKET

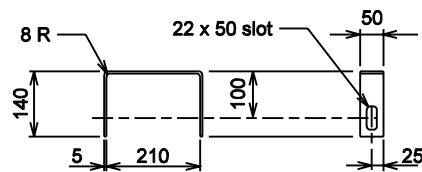
All Dimension are in mm unless otherwise specified

INDIANA DEPARTMENT OF TRANSPORTATION

**CABLE TERMINAL
ANCHOR SYSTEM**



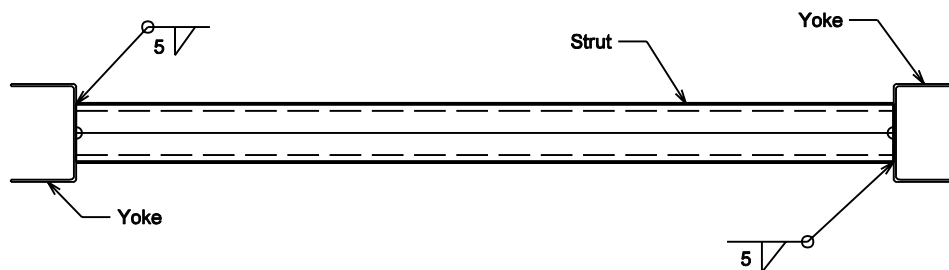
STRUT DETAILS



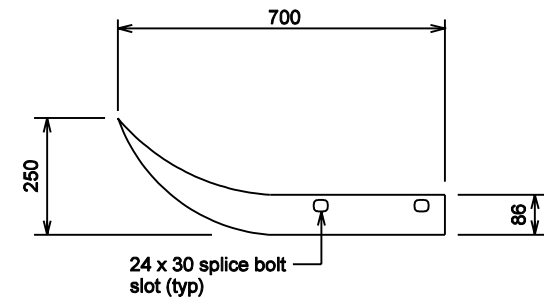
YOKE DETAILS

(2 required)

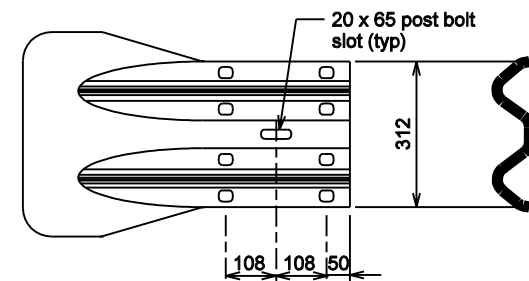
STRUT AND YOKE ASSEMBLY



ASSEMBLY DETAILS



PLAN

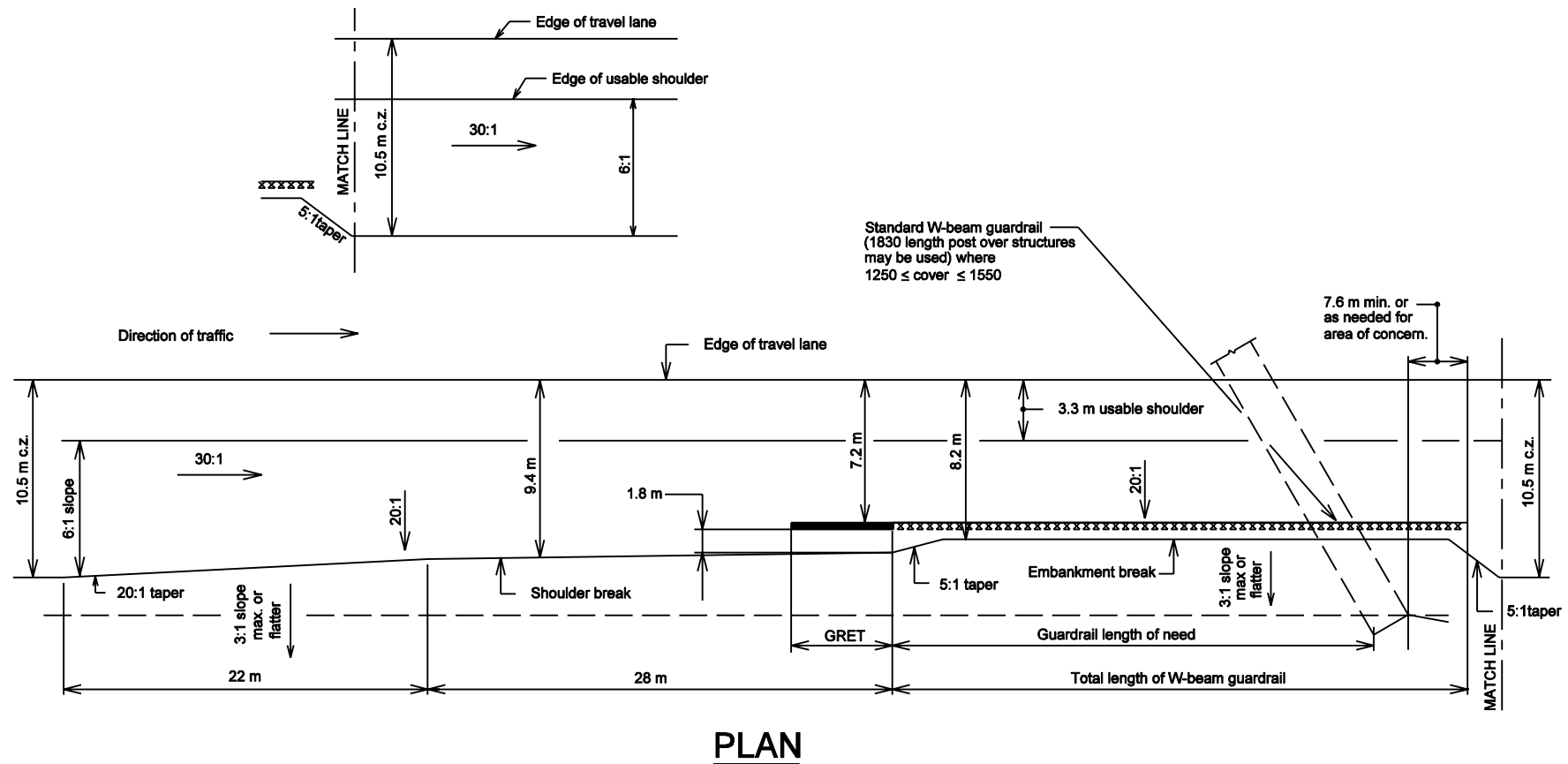


ELEVATION

FLARED W-BEAM END SECTION

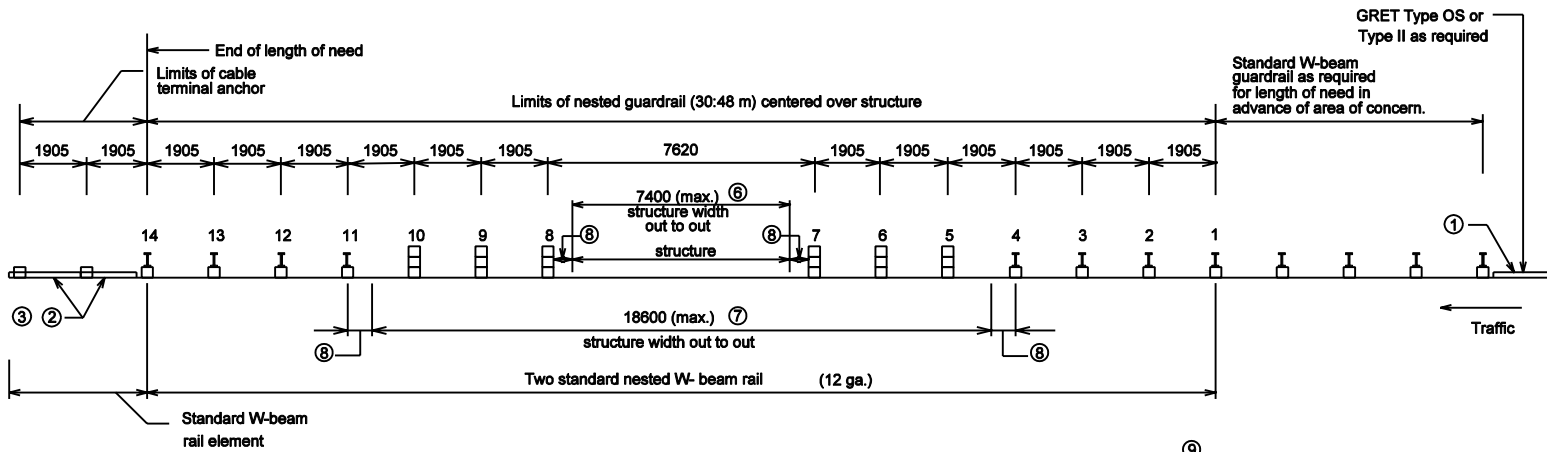
All Dimension are in mm unless otherwise specified
INDIANA DEPARTMENT OF TRANSPORTATION

**CABLE TERMINAL
ANCHOR SYSTEM**

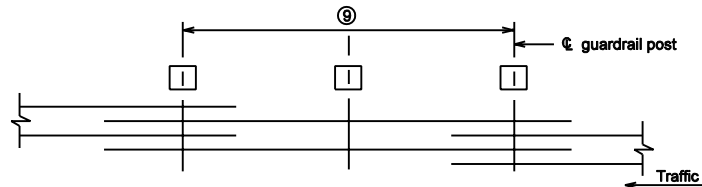
**NOTES:**

1. Grading requirements shown are for 1675 or larger structures, and three-sided structures on project constructed on new alignment for design speed of 110 km/h rural divided highway.
2. Grading shown above is applicable for 7620 span nested guardrail also.
3. Grading requirements for 1675 or larger structures and three sided structures constructed on existing alignments at all design speeds are shown in standard Drawings 601-GRET 06 through 09.

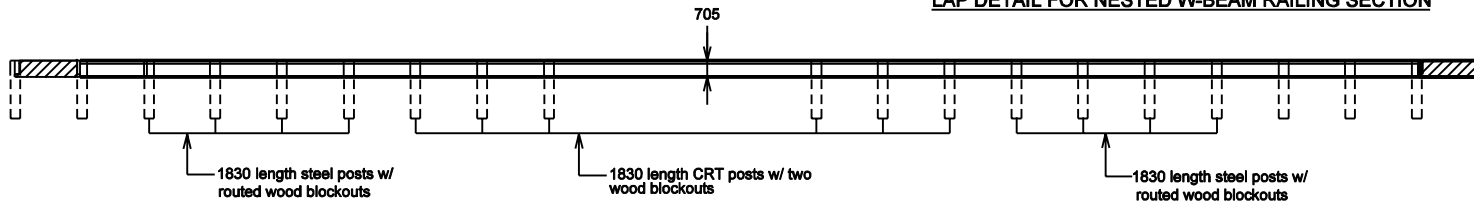
All Dimension are in mm unless other wise specfied
 INDIANA DEPARTMENT OF TRANSPORTATION
**GRADING REQUIREMENTS FOR
 LARGE DRAINAGE STRUCTURES**



PLAN



LAP DETAIL FOR NESTED W-BEAM RAILING SECTION



ELEVATION

NOTES:

- ① Use GRET type OS.
- ② For two-lane two-way operation, use GRET type OS.
For structure width > 7400, provide three additional spans of standard W-beam guardrail at 1905 each before attaching the GRET.
- ③ For multi-lane divided operation, use cable terminal, anchor.
See Recurring Plan Details 601-R-386d 1 through 601-R-386d 6
4. See standard Drawings 601-GRET-10, 11, and 601-WBGA-06 for GRET Type II details.
5. See Recurring Plan Details 601-R-386d 9, 10, and 11 for post and block assemblies details.
- ⑥ Maximum structure width shall be 7400 out to out of structure(s) parallel to roadway centerline for skewed or perpendicular structure. In this case posts are not located over any portion of structure.
- ⑦ Maximum structure width shall be 18600 out to out of structure(s) parallel to roadway center line for skewed or perpendicular structure. Modified posts (5 through 10) over the structure where required, see Recurring Plan Details 601-R-386d 10. The remaining wood posts shall be as shown on Recurring Plan Details 601-R-386d 9.

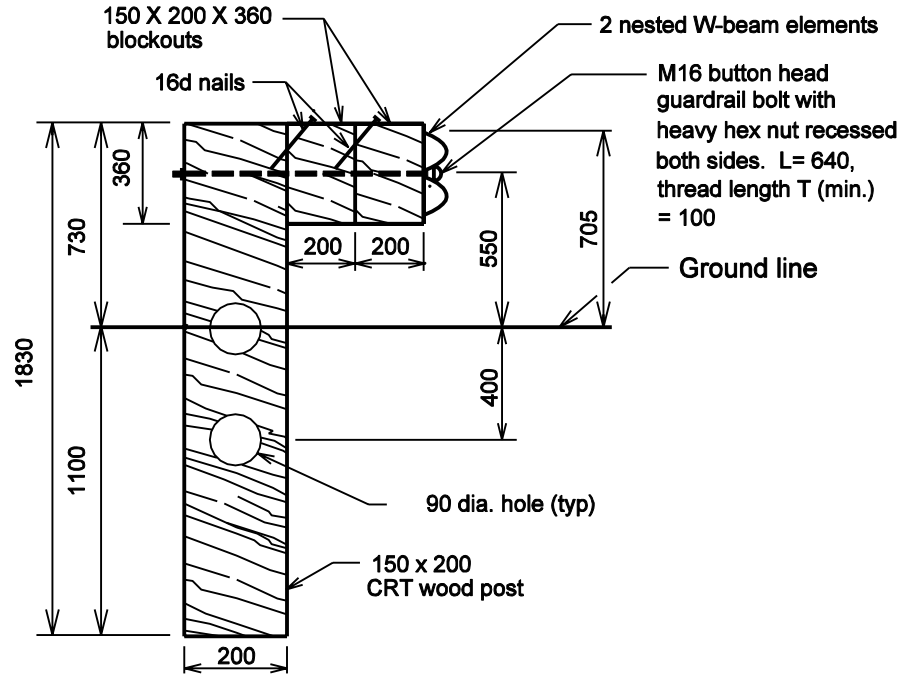
NOTES:

- ⑧ Post shall clear outer structure side by 100 min.
- ⑨ This dimension is 7620 between posts 7 and 8. This dimension is 3810 or 7620 elsewhere.
10. For grading requirements see Standard Drawing 601-GRET-06 through 09 and Recurring Plan Detail 601- R -1386d 7.

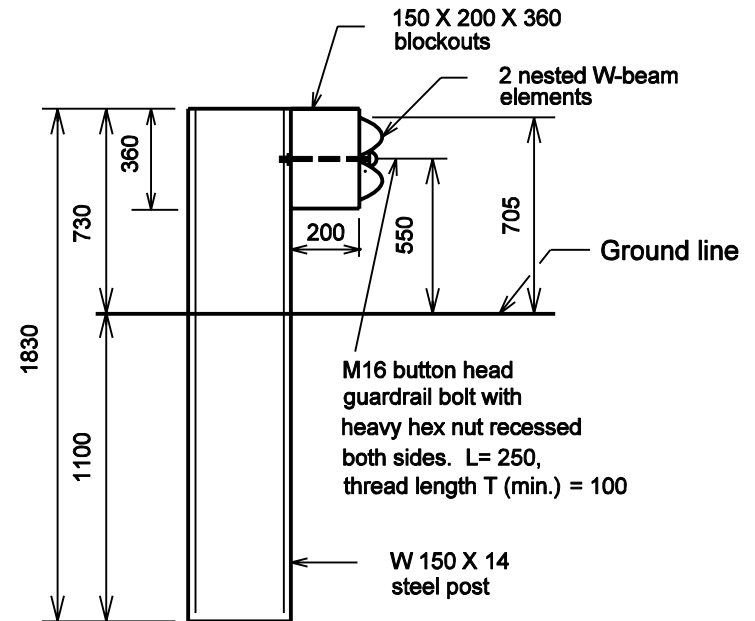
All Dimension are in mm unless otherwise specfied

INDIANA DEPARTMENT OF TRANSPORTATION

**7620 SPAN NESTED GUARDRAIL
FOR LARGE DRAINAGE STRUCTURE**



NESTED GUARDRAIL ASSEMBLY.
(Posts 5 to 10)



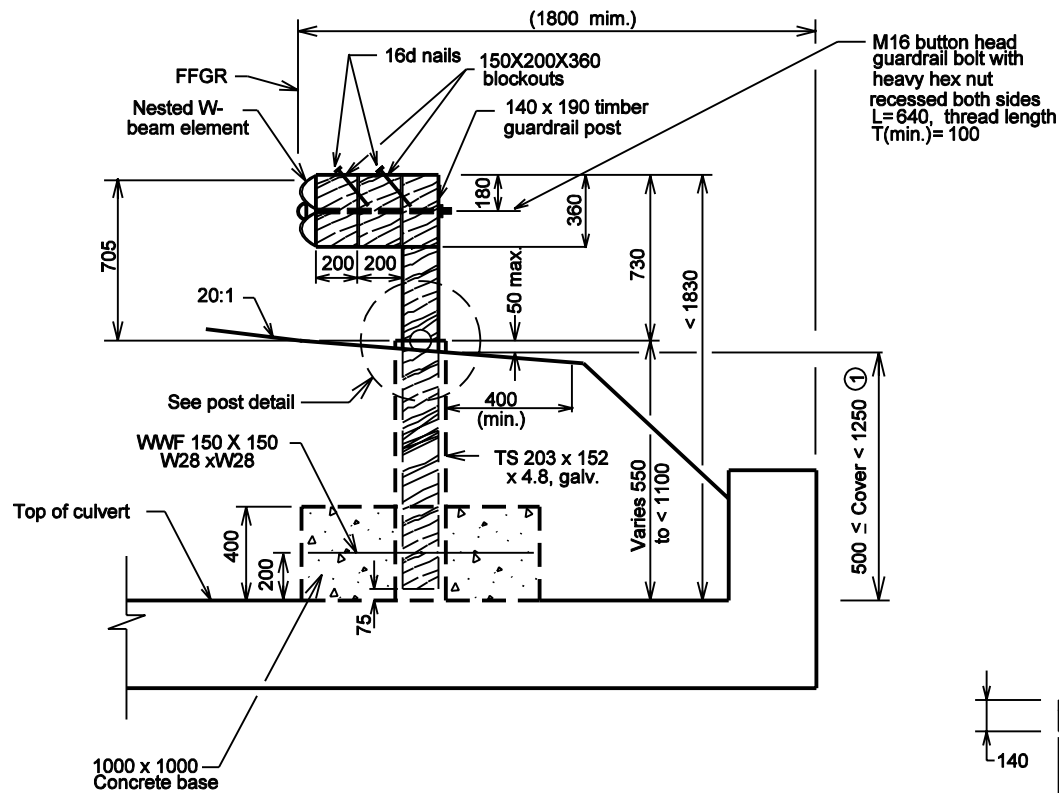
STEEL POST AND BLOCK FOR USE WITH
NESTED GUARDRAIL ASSEMBLY
(Posts 1 to 4 and 11 to 14)

All Dimensions are in mm unless otherwise specified

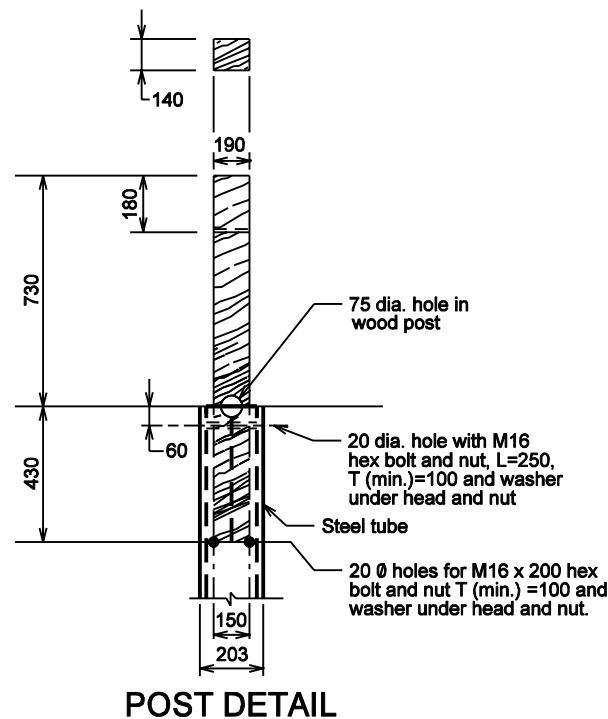
INDIANA DEPARTMENT OF TRANSPORTATION

NESTED GUARDRAIL ASSY.

FOR STRUCTURE WIDTH \leq 7400



**NESTED W-BEAM GUARDRAIL
ASSY. WITH MODIFIED POSTS
OVER STRUCTURE WIDTH
(POSTS 5 TO 10)**



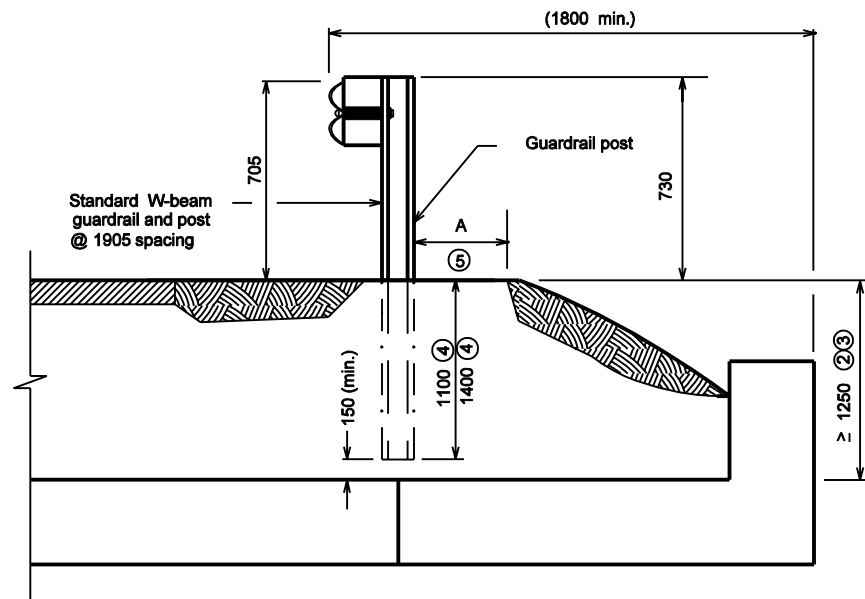
NOTES:

- ① Use modified guardrail posts.

All Dimension are in mm unless otherwise specified

INDIANA DEPARTMENT OF TRANSPORTATION

**GUARDRAIL ASSEMBLY FOR
STRUCTURE WIDTH > 7400**



**GUARDRAIL ASSEMBLY FOR COVER ≥ 1250
FOR ANY STRUCTURE WIDTH**

NOTES:

- 1 This drawing shall be used for any structure width provided depth of cover over structure ≥ 1250
- ② The 1830 length guardrail post shall be used if $1250 \leq \text{cover} \leq 1550$.
- ③ The 2130 long guardrail post shall be used if cover > 1550 .
- ④ 1100 for 1830 length post and 1400 for 2130 length post.
- ⑤ A = 600 for 1830 length post.
A = 0 (min.) for 2130 length post.

All Dimension are in mm unless otherwise specified

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**GUARDRAIL ASSEMBLY FOR
ANY STRUCTURE WIDTH**